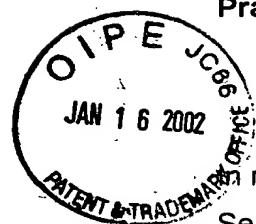


Practitioner's Docket No. HU-5890

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: STRAUB, P.L.

Serial No.: 09/913,917 Auth. Officer.: Ahmed, S.
 Filed: 21 August 2001 Confirmation No. 8320
 For: PRINTED CIRCUIT BOARD FOR ELECTRICAL AND OPTICAL
 SIGNALS AND METHOD FOR PRODUCING THE SAME

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

COMPLETION OF FILING REQUIREMENTS
- NONPROVISIONAL APPLICATION

(check and complete this item, if applicable)

I. This replies to the Notification of Missing Requirements Under 35 USC 371...
 (371 Formalities Letter) Mailed 19 October 2001.

NOTE: If these papers are filed before the office letter issues, adequate identification of the original papers should be made, e.g., in addition to the name of the inventor and title of invention, the filing date based on the "Express Mail" procedure, the serial number from the return post card or the attorney's docket number added.

A copy of the Notice is enclosed.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING FACSIMILE
 deposited with the United States Postal transmitted by facsimile to the
 Services with sufficient postage as first Patent and Trademark Office.
 class mail, in an envelope addressed to
 the Assistant Commissioner for Patents,
 Washington, D.C. 20231.

Date: November 6, 2001

Teresa Ragone
 (type or print name of person certifying)

TOTAL FEE DUE

VIII.

The total fee due is

Completion fee(s)	<u>\$170.00</u>
Extension fee (if any)	\$_____
Total Amount of Fees Due	<u>\$170.00</u>

PAYMENT OF FEES

IX.

- Enclosed is a check in the amount of **\$170.00**
- Charge Deposit Account No. _____ in the amount of \$_____
A duplicate of this request is attached.
- Charge any deficiency fees that may be due in this paper to Deposit Account No. 20-0090.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).

AUTHORIZATION TO CHARGE ADDITIONAL FEES

X.

WARNING: accurately count claims, especially multiple dependent claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account.: 37 CFR § 1.26(a).

- The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Deposit Account No. 20-0090.
 - 37 CFR 1.16(a), (f) or (g) (filing fees)
 - 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- 37 CFR §§ 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))
- 37 CFR 1.17 (application processing fees)

NOTE: A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an

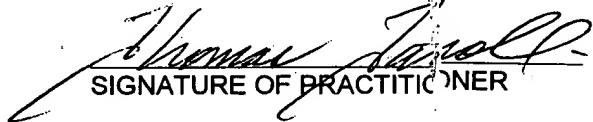
FORM 5-1

extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. "37 CFR § 1.136(a)(3).

37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

NOTE: When an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 CFR 1.311(b).

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application...prior to paying, or at the time of paying...issue fee...." From the wording of 37 CFR 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.



SIGNATURE OF PRACTITIONER

REG. NO. 20,177

Thomas L. Tarolli

(type or print name of practitioner)

TEL. No.: (216)621-2234

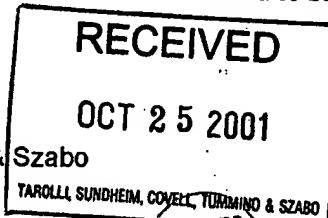
Tarolli, Sundheim, Covell, Tummillo & Szabo LLP
526 Superior Avenue
1111 Leader Building
Cleveland, OH 44114-1400



COPY

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/913,917	Peter Leo Straub	HU-5890

Thomas L Tarolli
 Tarolli Sundheim Covell Tummino &
 526 Superior Avenue Suite 1111
 Cleveland, OH 44114



INTERNATIONAL APPLICATION NO.	
PCT/CH00/00056	

IA. FILING DATE	PRIORITY DATE
02/02/2000	02/23/1999

CONFIRMATION NO. 8320
 371 FORMALITIES LETTER



OC000000006928557

Date Mailed: 10/19/2001

TLT

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

FILE NO: HU-5890 ATTY: TLT
 DUE DATE: 12-19-2001 (20011219)
 HUG INTERLIZENZ/INIT: (20011019)
 ACTION: 10 RES PER: 2 M DK1
 MISSING REQUIREMENTS DUE

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge:

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

SHAKEEL AHMED

Telephone: (703) 305-3659

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/913,917	PCT/CH00/00056	HU-5890